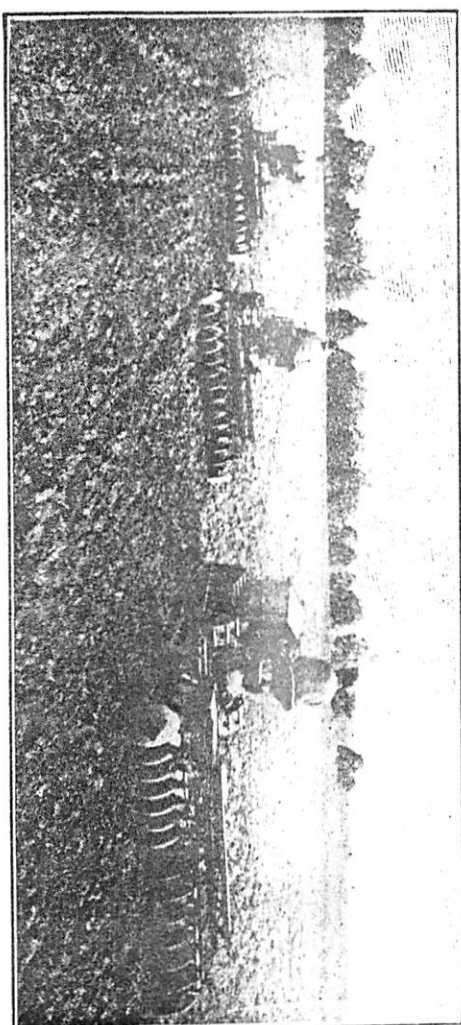


660 THE UNITED STATES AS A WORLD POWER

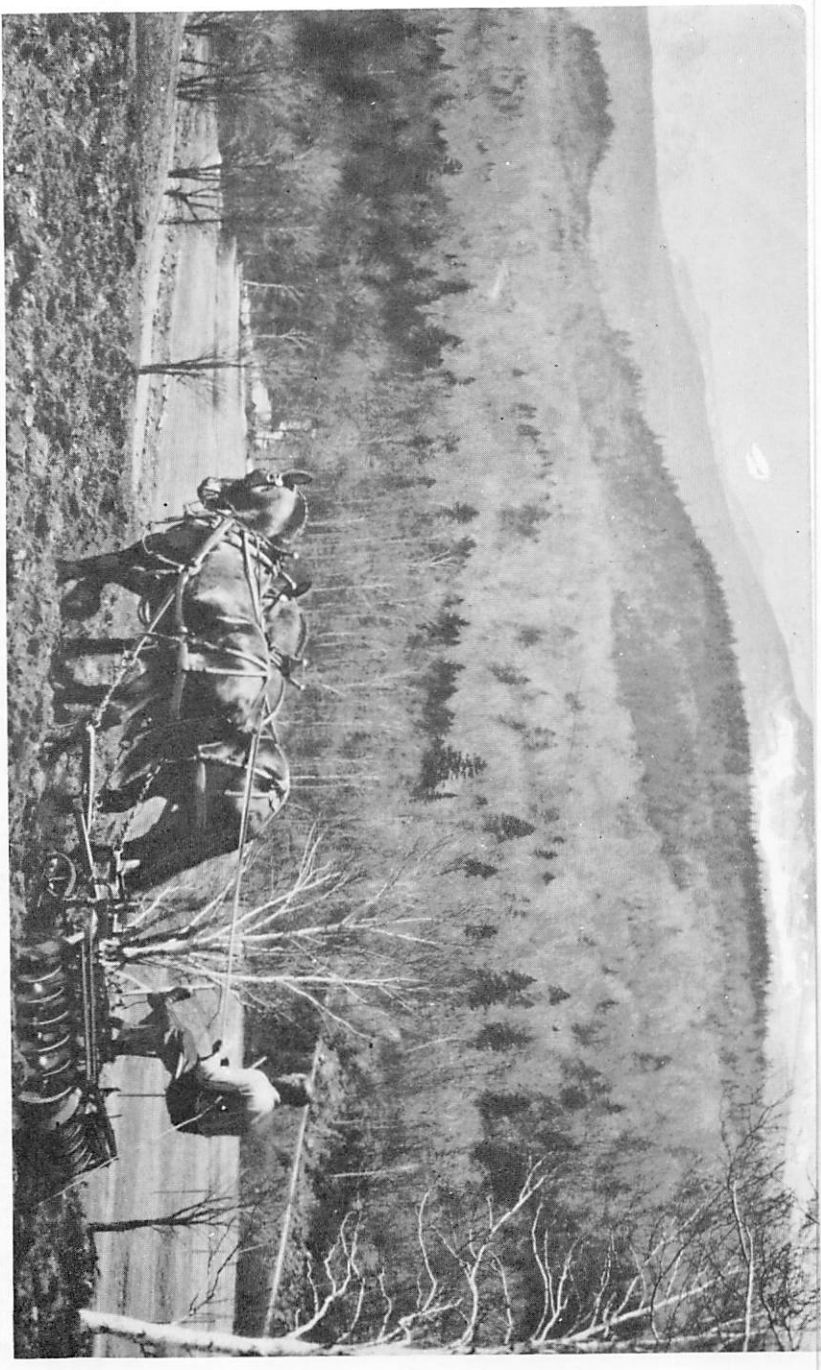
Progress in agriculture. In agriculture as in manufacturing, the United States has made remarkable progress in the half-century since the Civil War. The chief factors contributing to this result were:



MODERN HARROWING

(Courtesy, Cleveland Tractor Company.)

(1) The opening-up of new lands in the West under the Homestead Act, and the increased number of small farms in the South.



Mount Washington towers above this farmer as he works

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d).

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EIGHTSOME. This farmer accomplished the same thing as one at far left in different type of hitch. He's also discing and harrowing, but has two sets of four up front, compared to that unusual arrangement of six horses shown at left.

MULE TRAIN. This farmer's hitch is half of that famous "20-mile team" Borax long proclaimed in ads. To pull this three-bottom plow, he is using a wheel team of four across with two sets of three up front.



IN BETWEEN. The farmer above came up with a novel way of driving two teams at once. Four-some up front pulls disc, while the two-some behind follows with a harrow.

